



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 1999

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### SOUTH DAKOTA, West

**SDZ001>002-012>014-025>027-030>032-041>044-046>047-049**      **Harding - Perkins - Butte - Meade Co. Plains - Ziebach - Northern Foot Hills - Central Foot Hills - Southern Foot Hills - Custer Plains - Pennington Plains - Haakon - Fall River Co. - Shannon - Jackson - Bennett - Mellette - Todd - Tripp**

**05      0800MST      0      0      High Wind (G74)**  
**06      1600MST**

A slow moving low pressure system moved across western South Dakota and deepened as it moved into the eastern portions of the state while high pressure pushed in over the Rocky Mountains. Very strong northwest winds developed in western South Dakota and continued for nearly 48 hours. Numerous businesses had large signs blown down and billboards on the interstate were broken at their bases. Airlines cancelled flights into and out of Rapid City due to the high winds. Numerous power outages were also reported due to trees falling across the power lines.

**Bennett County  
Martin**

**09      1700MST      0      0      Hail (1.75)**  
**1800MST**

**Tripp County  
12 NW Winner**

**09      1732MST      0.1      1      0      0      Tornado (F0)**  
Brief Touchdown. Tornado path and width estimated

**Tripp County  
6 NW Hamill**

**09      1745MST      1      10      0      0      Tornado (F0)**

A new barn had a portion of the roof torn off and thrown a quarter mile away, tree branches were snapped off and ground wires for power lines were snapped. A calving shed was also destroyed.

**Todd County  
3 NE Parmelee**

**09      1812MST      0.1      1      0      0      Tornado (F0)**  
Brief Touchdown. Tornado path and width estimated

**Mellette County  
2 N White River**

**09      1825MST      0.1      1      0      0      Tornado (F0)**  
Brief Touchdown. Tornado path and width estimated

**Mellette County  
2 SW White River**

**09      1825MST      0.1      1      0      0      Tornado (F0)**  
Brief Touchdown. Tornado path and width estimated

**Todd County  
8 W Mission**

**09      1842MST      0.1      1      0      0      Tornado (F0)**  
Brief Touchdown. Tornado path and width estimated

**Tripp County  
4 E Winner**

**09      1920MST      0      0      Hail (1.75)**

**Todd County  
Mission**

**09      1926MST      0.1      1      0      0      Tornado (F0)**  
Brief Touchdown. Tornado path and width estimated

**Todd County  
4 SW Mission**

**09      1929MST      0.1      1      0      0      Tornado (F0)**  
Brief Touchdown. Tornado path and width estimated

**Mellette County  
Countywide**

**09      1930MST      0      0      Flood**  
**10      0700MST**

1 foot of water over Highway 63 after 2-4 inches of rain fell over the region. Numerous other county roads had water covering them also.

**Todd County  
Countywide**

**09      1950MST      0      0      Flood**  
**10      0700MST**

Numerous roads in the county were flooded over after 2 to 4 inches of rain fell. Several creeks were overflowing thier bank.



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					Killed	Injured	Property	Crops	
<b><u>SOUTH DAKOTA, West</u></b>									
Todd County									
Mission	09	1950MST			0	0			Hail (1.75)
Todd County									
St Francis	09	2020MST			0	0			Hail (1.00)
Several windows broken									
Pennington County									
Wall	09	2030MST			0	0			Hail (1.00)
Tripp County									
Countywide	09 10	2145MST 0700MST			0	0			Flood
Numerous roads were underwater and several were washed out after thunderstorms dropped 2 to 4 inches of rain in over the area. White River at Oacoma reached 20.75 feet...flood stage is 15 feet.									
Pennington County									
8 NE Hill City to Hill City	15	1540MST			0	0			Hail (1.00)
Lawrence County									
10 NW Spearfish to 11 NW Spearfish	15	1543MST 1550MST	1	10	0	0			Tornado (F0)
Brief Touchdown. Moved into Butte County.									
Butte County									
12 SW Belle Fourche to 9 SW Belle Fourche	15	1550MST 1553MST	1	10	0	0			Tornado (F0)
Stayed in open country...moved from Lawrence County into Butte County									
Pennington County									
3 NW Hisega to Hisega	15	1600MST			0	0			Hail (0.75)
Meade County									
Tilford	21	1330MST 1340MST			0	1			Hail (1.50)
1" to 1.5" hail...up to 6 inches deep on Interstate 90. A 5 car pile up left one person injured after several vehicles slid through the hail.									
Meade County									
Ellsworth Afb	21	1505MST			0	0			Hail (1.75)
Meade County									
Ellsworth Afb	21	1507MST 1516MST			0	0			Funnel Cloud
Harding County									
Redig	21	1509MST			0	0			Hail (0.75)
Pennington County									
Boxelder	21	1510MST			0	0			Hail (1.75)
Pennington County									
Rapid City Arpt to Caputa	21	1510MST 1535MST			0	0			Funnel Cloud
Several funnel clouds reported									
Custer County									
5 N Dewey	21	1620MST			0	0			Hail (0.75)
Pennington County									
8 SW Hill City to Hill City	21	1645MST			0	0			Hail (0.75)
Custer County									
1 N Custer	22	0521MST			0	0			Hail (1.00)



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### SOUTH DAKOTA, West

Custer County Fairburn	22	0555MST			0	0			Hail (1.00)
Custer County 5 S Custer	22	0625MST			0	0			Hail (0.75)
Shannon County 2 N Rockyford	22	0700MST			0	0			Hail (0.88)
Tripp County Winner	22	0920MST			0	0			Hail (0.75)
Tripp County 8 S Winner	22	0930MST 0940MST			0	0			Hail (1.00)
Todd County Parmelee	22	1000MST			0	0			Hail (1.25)
Lawrence County Lead	26	1347MST 1359MST			0	0			Hail (1.00)
Meade County Sturgis	26	1442MST 1450MST			0	0			Hail (0.75)
Ziebach County 5 SE Glad Vly	26	1630MST			0	0			Hail (0.75)

### WYOMING, Northeast

WYZ054	Gillette								
05	1200MST 1600MST				0	0			High Wind (G52)

A slow moving low pressure system moved to the east of the region and created strong northwest winds for several hours.

Campbell County 10 W Wright	15	1308MST			0	0			Thunderstorm Wind (G61)
Campbell County 10 N Wright	15	1315MST			0	0			Hail (1.75)
Crook County 5 S Moorcroft	15	1415MST			0	0			Hail (1.75)
Crook County 12 E Moorcroft	21	1445MST			0	0			Hail (1.75)
Crook County 5 SW Sundance	21	1520MST			0	0			Hail (1.00)
Weston County 14 SW Newcastle	21	1534MST			0	0			Hail (1.75)
Weston County Osage	21	1555MST			0	0			Hail (1.00)
Weston County Osage	21	1615MST			0	0			Hail (1.00)